

RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC -- R-373 RUBBER INSUL ADHESIVE, 373 -- 8040-00-841-9773

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===== Product Identification =====

Product ID:R-373 RUBBER INSUL ADHESIVE, 373

MSDS Date:11/01/1991

FSC:8040

NIIN:00-841-9773

MSDS Number: BKJQH

=== Responsible Party ===

Company Name:RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC

Address:805 MONROE STREET

Box:340

City:BEDFORD

State:VA

ZIP

:24523

Country:US

Info Phone Num:703-586-2611

Emergency Phone Num:703-586-2611

Preparer's Name:W.F. CREASY

CAGE:82942

=== Contractor Identification ===

Company Name:RUBATEX CORP SUB OF GREAT AMERICAN INDUSTRIES INC

Address:605 ADAMS ST

Box:340

City:BEDFORD

State:VA

ZIP:24523

Country:US

CAGE:82942

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===== Composition/Information on Ingredients =====

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 16%

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9394

EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 28%
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ACETONE (SARA III)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 36%
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 5.46 LB/GL (654 GR/LT)
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO
Health Hazards Acute and Chronic:INHALED:DIZZINESS, BREATHING DIFFICULTY, HEADACHE & LOSS OF COORDINATION, EYE:SEVERE IRRITATION, TEARING, REDNESS & BLURRED VISION. SKIN:DRY & DEFATTED SKIN, CRACKS, IRRITATION, DERMATITIS. INGESTED.G /I IRRITATION, VOMITING, NAUSEA, DIARRHEA.
Explanation of Carcinogenicity:MFR LISTED 'YES' TO OSHA AND 'NO' TO NTP & IARC. HMIS COULD NOT FIND AND OSHA REFERENCE TO CARCINOGENICITY.
Effects of Overexposure:INHALED:DIZZINESS, BREATHING DIFFICULTY, HEADACHE & LOSS OF COORDINATION, EYE:SEVERE IRRITATION, TEARING, REDNESS & BLURRED VISION. SKIN:DRY & DEFATTED SKIN, CRACKS, IRRITATION, DERMATITIS. INGESTED.G /I IRRITATION, VOMITING, NAUSEA, DIARRHEA.
Medical Cond Aggravated by Exposure:ANESTHESIA, RESPIRATORY TRACT IRRITATION, DERMATITIS, NAUSEA, VOMITING.

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First

Aid Measures =====

First Aid:INHAL OVEREXPOSURE:MOVE TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION & SEEK IMMEDIATE MEDICAL ATTENTION. EYE:FLUSH W/LARGE QUANTITIES OF WATER FOR AT 15 MIN. SKIN:WASH THOROUGHLY WITH SOAP & WATER AND SEE A DOCTOR. INGESTED:DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS EDEMA. CONTACT A PHYSICIAN IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:-14F,-26C

Lower Limits:1.0

Extinguishing Media:FOAM, CO2, DRY CHEMICAL.

Fire Fighting Procedures:RESPIRATORY EQUIPMENT TO AVOID INHALATION OF CONCENTRATED VAPORS. WATER SHOULD NOT BE USED EXCEPT AS FOG TO KEEP NEARBY CONTAINERS COOL.

Unusual Fire/Explosion Hazard:HANDLE AS FLAMMABLE LIQUID. VAPORS FORM EXPLOSIVE MIX IN AIR BETWEEN UPPER & LOWER EXPLOSIVE LIMITS WHICH CAN BE IGNITED BY MANY SOURCES.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES, PROVIDE GOOD VENTILATION, DIKE SPILL AREA AND USE ABSORBANT MATERIAL TO CLEANUP.

Neutralizing Agent:NO INFORMATION GIVEN BY MFR ON MSDS.

===== Handling and Storage =====

Handling and Storage Precautions:USE NON-SPARKING UTENSILS WHEN HANDLING THIS MATERIAL, AVOID HOT METAL SURFACES, USE IN COOL WELL-VENTILATED AREAS. KEEP CLOSED WHEN NOT IN USE.

Other Precautions:KEEP AWAY FROM EXCESSIVE HEAT & OPEN FLAMES. SMOKING

IN AREAS WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY PROHIBITED. TOOLS USED W/MATERIAL SHOULD BE MADE OF ALUMINUM, BRASS, OR COPPER. PLASTIC UTENSILS SHOULD NOT BE USED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHEN SPRAYING ADHESIVE USE NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK SUITABLE TO KEEP AIRBORNE MISTS & CONCENTRATION BELOW TIME-WEIGHTED TLV. WHEN USING IN POORLY VENTILATED & CONFIN

ED SPACES, USE FRESH AIR RESPIRATOR OR SCBA.

Ventilation:USE EXPLOSION PROOF GENERAL MECHANICAL VENTILATION/LOCAL EXHAUST EQUIPMENT SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW T

Protective Gloves:IMPERMEABLE CHEMICAL HANDLING GLOVES.

Eye Protection:SAFETY GLASSES, GOGGLES, FACE SHIELD

Other Protective Equipment:USE IMPERMEABLE APRONS, PROTECTIVE CLOTHING AND HEAD CAPS WHENEVER POSSIBLE TO PREVENT SKIN CONTACT.

Work Hygienic Practices:EYE WASHES AND SAFETY SHOWERS IN WORKPLACE IS REC

OMMENDED.

Supplemental Safety and Health

MSDS RECEIVED BY HMIS (FOCAL POINT D) FROM NAVY (FOCAL POINT N). CAGE CODE AND NSN IDENTIFIED BY THEM.

===== Physical/Chemical Properties =====

HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>132F,>56C

Vapor Density:HVR/AIR

Spec Gravity:0.8

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NO

Appearance and Odor:BLUE, OFFENSIVE.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIALS, STRONG ACIDS AND OXIDIZING MATERIALS.

Stability Condition to Avoid:EXCESSIVE HEAT, POOR VENTILATION, CORROSIVE ATMOSPHERES, EXCESSIVE AGING.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN & POSSIBLE ACROLEIN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:COLLECT ABSORBENT/SPILLED LIQUID MIXTURE AND

PLACE INTO METAL CONTAINERS. CONSULT LOCAL, STATE AND FEDERAL HAZARDOUS WASTE REGULATIONS BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAWS.

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